



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/905,558B

DATE: 05/07/2002

TIME: 14:54:05

Input Set : A:\1016.SEQLIST.TXT

Output Set: N:\CRF3\05072002\I905558B.raw

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: Garnaat, Carl W.
 5 Lowe, Keith S.
 6 Roth, Bradley A.
 11 <120> TITLE OF INVENTION: ZmAxig1 Polynucleotides and Methods of
 12 Use
 14 <130> FILE REFERENCE: 1016
 16 <140> CURRENT APPLICATION NUMBER: US/09/905,558B
 16 <141> CURRENT FILING DATE: 2001-07-13
 16 <150> PRIOR APPLICATION NUMBER: US 60/217,942
 17 <151> PRIOR FILING DATE: 2000-07-13
 19 <160> NUMBER OF SEQ ID NOS: 21
 21 <170> SOFTWARE: FastSEQ for Windows Version 3.0

ERRORED SEQUENCES

447 <210> SEQ ID NO: 20
 448 <211> LENGTH: 622
 449 <212> TYPE: DNA
 450 <213> ORGANISM: Zea mays
 452 <400> SEQUENCE: 20
 453 gcatgaataa tccccaaaac cctaaagcca gtgctccttg caccttgcca ccggagcttc 60
 454 ccaaagaagc agtggcgacc gacgaagcac cgccgccaat gggcaacaac aacaacacgg 120
 455 aatcgccgac ggcgacqatg gtccgggqacq agqaccggct qatgcccgtg gccaacgtgt 180
 E--> 456 cccgcacat ggcgcaagtg ctgcctccgt acgccaagat ctccgacgac gcccangaag 240
 E--> 457 tnatccaaga attgtnttc ggaatttcat cacttncgtc ctggcgaggc gaaacgaagc 300
 458 ggtgccacac cgacgccccq aqaccgtca cctccgaaga catcggtgtt gccatgagcc 360
 E--> 459 gcctcggtt cgacgactac gtcgcgcccc tcggcgccctt cctccagcgc atgcgcgacn 420
 E--> 460 acagcgaaca cgggggtgaa aacgcggcgg cctgcanggg gtngtggtcn cgccgcgggt 480
 E--> 461 cgtctncttg ggcgtccctt gccgcaanag atgacaactt gcaccaaacg tctgcccgggn 540
 E--> 462 tcggaccaaa actnttccct gttgcaggaa taccgtccn gggccnttcc cccccnaatc 600
 463 caaccatttgc gttttccctt gc 622
 465 <210> SEQ ID NO: 21
 466 <211> LENGTH: 65
 467 <212> TYPE: PRT
 468 <213> ORGANISM: Zea mays
 470 <400> SEQUENCE: 21
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 472 1 . 5 . 10 . 15
 E--> 473 Arg Xaa Xaa Leu Pro Xaa His Ala Lys Ile Ser Asp Asp Ala Lys Glu
 474 20 . 25 . 30
 E--> 475 Xaa Ile Gln Glu Cys Val Ser Glu Tyr Ile Ser Phe Xaa Thr Xaa Glu
 476 35 . 40 . 45

errors continue on p. 2

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/905,558B

DATE: 05/07/2002

TIME: 14:54:06

Input Set : A:\1016.SEQLIST.TXT

Output Set: N:\CRF3\05072002\I905558B.raw

E--> 477 Ala Asn Xaa Arg Cys Xaa Xaa Xaa Xaa Arg Lys Thr Xaa Xaa Xaa Glu
478 50 55 60

E--> 479 Xaa
480 65

VARIABLE LOCATION SUMMARY
PATENT APPLICATION: US/09/905,558B

DATE: 05/07/2002
TIME: 14:54:07

Input Set : A:\1016.SEQLIST.TXT
Output Set: N:\CRF3\05072002\I905558B.raw

Use of n's or Xaa's(NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which
residue n or Xaa represents.

Seq#:20; N Pos. 236,242,257,276,420,457,463,470,486,508,540,554,580,586,596
Seq#:21; Xaa Pos. 5,6,18,19,22,33,45,47,51,54,55,56,57,61,62,63,65

05/08
05/08



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/905,558 B
Source: 01PE
Date Processed by STIC: 5/7/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

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2. **U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202**
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Revised 01/29/2002